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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/900,963

DATE: 01/03/2002
TIME: 15:29:18

Input Set : **N:\Crf3\RULE60\09900963.raw**
Output Set: **N:\CRF3\01032002\I900963.raw**

SEQUENCE LISTING

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 3 (1) GENERAL INFORMATION:
 5        (i) APPLICANT: GUERIN-MARCHAND, Claudine
 6                       DRUILHE, Pierre
 8      (ii) TITLE OF INVENTION: PEPTIDE SEQUENCES SPECIFIC FOR THE
 9                       HEPATIC STAGES OF P. FALCIPARUM BEARING EPITOPES CAPABLE
10                       OF STIMULATING THE T LYMPHOCYTES
12     (iii) NUMBER OF SEQUENCES: 46
14      (iv) CORRESPONDENCE ADDRESS:
15            (A) ADDRESSEE: Burns, Doane, Swecker & Mathis
16            (B) STREET: P.O. Box 1404
17            (C) CITY: Alexandria
18            (D) STATE: Virginia
19            (E) COUNTRY: United States
20            (F) ZIP: 22313-1404
22       (v) COMPUTER READABLE FORM:
23            (A) MEDIUM TYPE: Floppy disk
24            (B) COMPUTER: IBM PC compatible
25            (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26            (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28      (vi) CURRENT APPLICATION DATA:
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ENTERED

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C--> 29            (A) APPLICATION NUMBER: US/09/900,963
C--> 30            (B) FILING DATE: 10-Jul-2001
31            (C) CLASSIFICATION:
33     (vii) PRIOR APPLICATION DATA:
34            (A) APPLICATION NUMBER: 08/098,327
35            (B) FILING DATE:
37    (viii) ATTORNEY/AGENT INFORMATION:
38            (A) NAME: McGowan, Malcolm K.
39            (B) REGISTRATION NUMBER: 39,300
40            (C) REFERENCE/DOCKET NUMBER: 010830-045
42      (ix) TELECOMMUNICATION INFORMATION:
43            (A) TELEPHONE: (703) 836-6620
44            (B) TELEFAX: (703) 836-2021
47 (2) INFORMATION FOR SEQ ID NO: 1:
49        (i) SEQUENCE CHARACTERISTICS:
50            (A) LENGTH: 17 amino acids
51            (B) TYPE: amino acid
52            (C) STRANDEDNESS: single
53            (D) TOPOLOGY: linear
55       (ii) MOLECULE TYPE: peptide
57       (ix) FEATURE:
58            (A) NAME/KEY: Peptide
59            (B) LOCATION: 8
60            (D) OTHER INFORMATION: /note= "Amino Acid 8 wherein Xaa is
61 Glu or Gly."
63        (x) PUBLICATION INFORMATION:
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Input Set : N:\Crf3\RULE60\09900963.raw
Output Set: N:\CRF3\01032002\I900963.raw

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 64          (H) DOCUMENT NUMBER: WO 92/13884
 65          (J) PUBLICATION DATE: 20-AUG-1992
 67     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
W--> 69     Leu Ala Lys Glu Lys Leu Gln Xaa Gln Gln Ser Asp Leu Glu Gln Glu
 70         1               5                   10                  15
 72         Arg
 74 (2) INFORMATION FOR SEQ ID NO: 2:
 76     (i) SEQUENCE CHARACTERISTICS:
 77          (A) LENGTH: 17 amino acids
 78          (B) TYPE: amino acid
 79          (C) STRANDEDNESS: single
 80          (D) TOPOLOGY: linear
 82     (ii) MOLECULE TYPE: peptide
 84     (ix) FEATURE:
 85          (A) NAME/KEY: Peptide
 86          (B) LOCATION: 1
 87          (D) OTHER INFORMATION: /note= "Amino Acid 1 wherein Xaa is
 88 Ser or Arg."
 90     (ix) FEATURE:
 91          (A) NAME/KEY: Peptide
 92          (B) LOCATION: 6
 93          (D) OTHER INFORMATION: /note= "Amino Acid 6 wherein Xaa is
 94 Glu or Asp."
 96     (ix) FEATURE:
 97          (A) NAME/KEY: Peptide
 98          (B) LOCATION: 8
 99          (D) OTHER INFORMATION: /note= "Amino Acid 8 wherein Xaa is
100 Arg or Leu."
102     (ix) FEATURE:
103          (A) NAME/KEY: Peptide
104          (B) LOCATION: 15
105          (D) OTHER INFORMATION: /note= "Amino Acid 15 wherein Xaa
106 is Glu or Gly."
108     (x) PUBLICATION INFORMATION:
109          (H) DOCUMENT NUMBER: WO 92/13884
110          (J) PUBLICATION DATE: 20-AUG-1992
112     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
W--> 114    Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln Xaa Gln
115         1               5                   10                  15
117         Gln
119 (2) INFORMATION FOR SEQ ID NO: 3:
121     (i) SEQUENCE CHARACTERISTICS:
122          (A) LENGTH: 17 amino acids
123          (B) TYPE: amino acid
124          (C) STRANDEDNESS: single
125          (D) TOPOLOGY: linear
127     (ii) MOLECULE TYPE: peptide
129     (ix) FEATURE:
130          (A) NAME/KEY: Peptide
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131              (B) LOCATION: 2
132              (D) OTHER INFORMATION: /note= "Amino Acid 2 wherein Xaa is
133 Ser or Arg."
135         (ix) FEATURE:
136              (A) NAME/KEY: Peptide
137              (B) LOCATION: 7
138              (D) OTHER INFORMATION: /note= "Amino Acid 7 wherein Xaa is
139 Glu or Asp."
141         (ix) FEATURE:
142              (A) NAME/KEY: Peptide
143              (B) LOCATION: 9
144              (D) OTHER INFORMATION: /note= "Amino Acid 9 wherein Xaa is
145 Arg or Leu."
147         (ix) FEATURE:
148              (A) NAME/KEY: Peptide
149              (B) LOCATION: 16
150              (D) OTHER INFORMATION: /note= "Amino Acid 16 wherein Xaa
151 is Glu or Gly."
153         (x) PUBLICATION INFORMATION:
154              (H) DOCUMENT NUMBER: WO 92/13884
155              (J) PUBLICATION DATE: 20-AUG-1992
157         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
W--> 159     Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln Xaa
160          1               5                  10                  15
162     Gln
164 (2) INFORMATION FOR SEQ ID NO: 4:
166         (i) SEQUENCE CHARACTERISTICS:
167              (A) LENGTH: 17 amino acids
168              (B) TYPE: amino acid
169              (C) STRANDEDNESS: single
170              (D) TOPOLOGY: linear
172        (ii) MOLECULE TYPE: peptide
174        (ix) FEATURE:
175              (A) NAME/KEY: Peptide
176              (B) LOCATION: 3
177              (D) OTHER INFORMATION: /note= "Amino Acid 3 wherein Xaa is
178 Ser or Arg."
180        (ix) FEATURE:
181              (A) NAME/KEY: Peptide
182              (B) LOCATION: 8
183              (D) OTHER INFORMATION: /note= "Amino Acid 8 wherein Xaa is
184 Glu or Asp."
186        (ix) FEATURE:
187              (A) NAME/KEY: Peptide
188              (B) LOCATION: 10
189              (D) OTHER INFORMATION: /note= "Amino Acid 10 wherein Xaa
190 is Arg or Leu."
192        (ix) FEATURE:
193              (A) NAME/KEY: Peptide
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RAW SEQUENCE LISTING   DATE: 01/03/2002
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      Input Set : N:\Crf3\RULE60\09900963.raw
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194              (B) LOCATION: 17
195              (D) OTHER INFORMATION: /note= "Amino Acid 17 wherein Xaa
196 is Glu or Gly."
198         (x) PUBLICATION INFORMATION:
199              (H) DOCUMENT NUMBER: WO 92/13884
200              (J) PUBLICATION DATE: 20-AUG-1992
202         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
W--> 204    Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu Gln
205         1           5                   10                  15
W--> 207    Xaa
209 (2) INFORMATION FOR SEQ ID NO: 5:
211         (i) SEQUENCE CHARACTERISTICS:
212              (A) LENGTH: 17 amino acids
213              (B) TYPE: amino acid
214              (C) STRANDEDNESS: single
215              (D) TOPOLOGY: linear
217        (ii) MOLECULE TYPE: peptide
219        (ix) FEATURE:
220              (A) NAME/KEY: Peptide
221              (B) LOCATION: 1
222              (D) OTHER INFORMATION: /note= "Amino Acid 1 wherein Xaa is
223 Glu or Gly."
225        (ix) FEATURE:
226              (A) NAME/KEY: Peptide
227              (B) LOCATION: 4
228              (D) OTHER INFORMATION: /note= "Amino Acid 4 wherein Xaa is
229 Ser or Arg."
231        (ix) FEATURE:
232              (A) NAME/KEY: Peptide
233              (B) LOCATION: 9
234              (D) OTHER INFORMATION: /note= "Amino Acid 9 wherein Xaa is
235 Glu or Asp."
237        (ix) FEATURE:
238              (A) NAME/KEY: Peptide
239              (B) LOCATION: 11
240              (D) OTHER INFORMATION: /note= "Amino Acid 11 wherein Xaa
241 is Arg or Leu."
243         (x) PUBLICATION INFORMATION:
244              (H) DOCUMENT NUMBER: WO 92/13884
245              (J) PUBLICATION DATE: 20-AUG-1992
247         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
W--> 249    Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys Leu
250         1           5                   10                  15
252         Gln
254 (2) INFORMATION FOR SEQ ID NO: 6:
256         (i) SEQUENCE CHARACTERISTICS:
257              (A) LENGTH: 17 amino acids
258              (B) TYPE: amino acid
259              (C) STRANDEDNESS: single
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RAW SEQUENCE LISTING   DATE: 01/03/2002
PATENT APPLICATION: US/09/900,963   TIME: 15:29:18

          Input Set : N:\Crf3\RULE60\09900963.raw
          Output Set: N:\CRF3\01032002\I900963.raw

260   (D) TOPOLOGY: linear
262   (ii) MOLECULE TYPE: peptide
264   (ix) FEATURE:
265   (A) NAME/KEY: Peptide
266   (B) LOCATION: 2
267   (D) OTHER INFORMATION: /note= "Amino Acid 2 wherein Xaa is
268 Glu or Gly."
270   (ix) FEATURE:
271   (A) NAME/KEY: Peptide
272   (B) LOCATION: 5
274   (D) OTHER INFORMATION: /note= "Amino Acid 5 wherein Xaa is
275 Ser or Arg."
277   (ix) FEATURE:
278   (A) NAME/KEY: Peptide
279   (B) LOCATION: 10
280   (D) OTHER INFORMATION: /note= "Amino Acid 10 wherein Xaa
281 is Glu or Asp."
283   (ix) FEATURE:
284   (A) NAME/KEY: Peptide
285   (B) LOCATION: 12
286   (D) OTHER INFORMATION: /note= "Amino Acid 12 wherein Xaa
287 is Arg or Leu."
289   (x) PUBLICATION INFORMATION:
290   (H) DOCUMENT NUMBER: WO 92/13884
291   (J) PUBLICATION DATE: 20-AUG-1992
293   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
W--> 295   Gln Xaa Gln Gln Xaa Asp Leu Glu Gln Xaa Arg Xaa Ala Lys Glu Lys
296   1   5   10   15
298   Leu
300 (2) INFORMATION FOR SEQ ID NO: 7:
302   (i) SEQUENCE CHARACTERISTICS:
303   (A) LENGTH: 17 amino acids
304   (B) TYPE: amino acid
305   (C) STRANDEDNESS: single
306   (D) TOPOLOGY: linear
308   (ii) MOLECULE TYPE: peptide
310   (ix) FEATURE:
311   (A) NAME/KEY: Peptide
312   (B) LOCATION: 3
313   (D) OTHER INFORMATION: /note= "Amino Acid 3 wherein Xaa is
314 Glu or Gly."
316   (ix) FEATURE:
317   (A) NAME/KEY: Peptide
318   (B) LOCATION: 6
319   (D) OTHER INFORMATION: /note= "Amino Acid 6 wherein Xaa is
320 Ser or Arg."
322   (ix) FEATURE:
323   (A) NAME/KEY: Peptide
324   (B) LOCATION: 11

VERIFICATION SUMMARY   DATE: 01/03/2002
PATENT APPLICATION: **US/09/900,963**   TIME: 15:29:19

Input Set : **N:\Crf3\RULE60\09900963.raw**
Output Set: **N:\CRF3\01032002\I900963.raw**

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L:29 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:30 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:204 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:430 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:475 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:520 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:610 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:613 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
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